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AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-34 without prejudice or disclaimer, and amend the claims as follows: Claims 1-34 (Canceled).

- 35. (Currently Amended) A semiconductor device comprising:
 - a semiconductor substrate; and
- a dissimilar element-diffused metal layer formed on said semiconductor substrate, <u>said</u>

 <u>metal layer containing comprising</u> copper and a dissimilar element other than copper and having a
 generally uniform orientation at a surface thereof.
- 36. (Currently Amended) A semiconductor device comprising:
 - a semiconductor substrate; and
- a dissimilar element-diffused metal layer formed on said semiconductor substrate, <u>said</u>

 <u>metal layer containing comprising</u> copper and a dissimilar element other than copper, constituted of grains of an average size not less than 1 µm.
- 37. (Original) The semiconductor device as set forth in Claim 35, wherein an average grain size of crystals of said dissimilar element-diffused metal layer is greater than an average thickness of said dissimilar element-diffused metal layer.
- 38. (Original) The semiconductor device as set forth in Claim 36, wherein an average grain size of crystals of said dissimilar element-diffused metal layer is greater than an average thickness of said dissimilar element-diffused metal layer.
- 39. (Original) The semiconductor device as set forth in Claim 35, wherein a surface of said dissimilar element-diffused metal layer has an orientation of (200).

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- 40. (Original) The semiconductor device as set forth in Claim 36, wherein a surface of said dissimilar element-diffused metal layer has an orientation of (200).
- 41. (Currently Amended) The semiconductor device as set forth in Claim 35, wherein said dissimilar element-diffused metal layer constitutes comprises one of an interconnect, a plug or and a pad.
- 42. (Currently Amended) The semiconductor device as set forth in Claim 36, wherein said dissimilar element-diffused metal layer eonstitutes comprises one of an interconnect, a plug or and a pad.
- 43. (Original) The semiconductor device as set forth in Claim 35, wherein said dissimilar element-diffused metal layer is formed by plating.
- 44. (Original) The semiconductor device as set forth in Claim 36, wherein said dissimilar element-diffused metal layer is formed by plating.
- 45. (Currently Amended) A semiconductor device comprising:
 - a semiconductor substrate;
 - a first interconnect formed on said semiconductor substrate; and
- a second interconnect constituted of comprising a metal that is \underline{a} the main constituent of said first interconnect, formed in the \underline{an} identical interconnect layer[;],

wherein said second interconnect is narrower than said first interconnect[;], and <a href="https://www.wherein.com/wherein.com

46. (Currently Amended) The semiconductor device as set forth in Claim 45, wherein a width of

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said second interconnect is narrower than that of said first interconnect, and a surface of said first interconnect has a principal orientation of (200), and a surface of said second interconnect has that has principal orientation of (111)[.] and

wherein a A width of said first interconnect can be made for example is not less than 1 μ m, and that a width of said second interconnect is not more than 1 μ m.

- 47. (Currently Amended) A semiconductor device comprising:
 - a semiconductor substrate;
 - a first interconnect formed on said semiconductor substrate; and
- a second interconnect eonstituted of comprising a metal that is \underline{a} the main constituent of said first interconnect, formed in the \underline{an} identical interconnect layer[;].

wherein said second interconnect layer is narrower than said first interconnect[;],

wherein said first interconnect contains comprises a dissimilar element other than a main constituent of said first interconnect diffused throughout said first interconnect[;], and

wherein said second interconnect contains comprises a dissimilar element formed over an upper surface thereof.

48. (Currently Amended) A metal interconnect constituted of comprising a plated metal layer comprising:

a plurality of dissimilar elements, wherein an average size of grains contained in said plated metal layer is not less than 1 μm .

49. (Currently Amended) A metal interconnect constituted of comprising a plated metal layer comprising:

a plurality of dissimilar elements,

wherein said plated metal layer has is constituted of a single grain size.

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- 50. (Original) The metal interconnect as set forth in Claim 48, having a width not less than 1 μm.
- 51. (Original) The metal interconnect as set forth in Claim 49, having a width not less than 1 μm.
- 52. (New) The semiconductor device as set forth in claim 45, wherein said first interconnect comprises a dissimilar element other than a main constituent of said first interconnect diffused throughout said first interconnect.
- 53. (New) The semiconductor device as set forth in claim 45, wherein said second interconnect comprises a dissimilar element formed over an upper surface thereof.
- 54. (New) The semiconductor device as set forth above in claim 35, wherein said dissimilar element other than copper comprises at least one of Ag, W, Mg, Be, Zn, Pd, Cd, Au, Hg, Pt, Si, Zr, Ti and Sn.
- 55. (New) The semiconductor device as set forth above in claim 35, wherein said dissimilar element other than copper comprises 5 atomic % of said dissimilar element-diffused metal layer.
- 56. (New) The semiconductor device as set forth in claim 35, wherein said dissimilar element-diffused metal layer has a grain size on an order of $10^2 \, \mu m$.
- 57. (New) The semiconductor device as set forth in claim 35, wherein said dissimilar element other than copper is substantially uniformly diffused throughout said dissimilar element-diffused metal layer.